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Proposed Maximum Residue Limit PMRL2012-33

Pyraclostrobin

(publié aussi en français)

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Under the authority of the *Pest Control Products Act*, Health Canada's Pest Management Regulatory Agency (PMRA) has concluded that the addition of new uses on triticale to the product label of Twinline Fungicide, containing technical grade pyraclostrobin and metconazole, is acceptable. The specific uses approved in Canada are detailed on the label of Twinline Fungicide, *Pest Control Products Act* Registration Number 30337.

The evaluation of this application indicated that the end-use product has merit and value and the human health and environmental risks associated with the new uses are acceptable. Details regarding the registration can be found in the corresponding Evaluation Report available in the Pesticides and Pest Management section of Health Canada's website, under Public Registry, Pesticide Product Information Database.[1]

Before registering a pesticide for food use in Canada, the PMRA must determine the quantity of residues that are likely to remain in or on the food when the pesticide is used according to label directions and that such residues will not be a concern to human health. This quantity is then legally established as a maximum residue limit (MRL). An MRL applies to the identified raw agricultural food commodity as well as to any processed food product that contains it, except where separate MRLs are specified for the raw agricultural commodity and a processed product made from it.

Consultation on the proposed MRL for pyraclostrobin is being conducted via this document (see Next Steps, the last section of this document). An MRL for metconazole in or on triticale is being promulgated under a separate MRL action.

To comply with Canada's international trade obligations, consultation on the proposed MRL is also being conducted internationally by notifying the World Trade Organization, as coordinated by the Standards Council of Canada.

The proposed MRL in Canada in or on food, to be added to the MRLs already legally established for pyraclostrobin, is as follows.

[1] The relevant report can be accessed by selecting Applications/New/Historical and requesting the Evaluation Report found under Application Number 2010-4343. Please note that there is an inconsistency in the Evaluation Report that alternatively identifies the MRL for pyraclostrobin in or on triticale as 0.2 or 0.04 ppm. The correct MRL is 0.2 ppm, as per Table 1 above, which is consistent with the higher of the established MRLs for rye and wheat.

Table 1 Proposed Maximum Residue Limit for Pyraclostrobin

Common Name	Residue Definition	MRL (ppm)	Food Commodity
Pyraclostrobin	methyl *N*-[2-[[[1-(4-chlorophenyl)-1*H*-pyrazol-3-yl]oxy]methyl]phenyl]-*N*-methoxycarbamate, including the metabolite carbamic acid, *N*-[2-[[[1-(4-chlorophenyl)-1*H*-pyrazol-3-yl]oxy]methyl]phenyl]-, methyl ester	0.2	Triticale

ppm = parts per million

A complete list of all pesticide MRLs established in Canada, as of the date indicated, can be found on the Maximum Residue Limits for Pesticides webpage in the Pesticides and Pest Management section of Health Canada's website.

International Situation and Trade Implications

MRLs may vary from one country to another for a number of reasons, including differences in pesticide use patterns and the locations of the field crop trials used to generate residue chemistry data. The proposed MRL for pyraclostrobin in Canada differs from the corresponding tolerance established in the United States (tolerances are listed in the Electronic Code of Federal Regulations, 40 CFR Part 180, by pesticide). Currently, a Codex MRL[2] for pyraclostrobin in or on triticale is not listed on the Codex Alimentarius Pesticide Residues in Food website.

Table 2 Comparison of Canadian MRL, American Tolerance and Codex MRL

Food Commodity	Canadian MRL (ppm)	American Tolerance (ppm)	Codex MRL (ppm)
Triticale	0.2	0.02[a]	Not established

[a] In accordance with 40 CFR Part 180.1 (g), a tolerance established for wheat includes triticale.

Next Steps

The PMRA invites the public to submit written comments on the proposed MRL for pyraclostrobin up to 75 days from the date of publication of this document. Please forward your comments to Publications (see the contact information on the cover page of this document). The PMRA will consider all comments received before making a final decision on the proposed MRL for pyraclostrobin and posting a corresponding Established Maximum Residue Limit document in the Pesticides and Pest Management section of Health Canada's website.

[2] The Codex Alimentarius Commission is an international organization under the auspices of the United Nations that develops international food standards, including MRLs.